



# Performance Data Sheet

Models: 3MDW101 Use Replacement Cartridge: 3MDW111

System tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 for the reduction of substances listed below.

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI Standard 42 and Standard 53.

Capacity 500 Gallons (1,893 Liters) Contaminant Reduction Determined by NSF testing.

Substance Reduction	Average Influent	NSF/ANSI Specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Chlorine Taste and Odor	2.1 mg/L	2.0 mg/L $\pm$ 10%	97.6%	0.05 mg/L	N/A	$\geq$ 50%	J-00121313
Nominal Particulate Class I, $\geq$ 0.5 to $<$ 1.0 $\mu$ m	9,100,000 pts/mL	At least 10,000 particles/mL	98.8%	111,817 pts/ml	N/A	$\geq$ 85%	J-00099871
Asbestos	215 MF/L	$10^7$ to $10^8$ fibers/L; fibers greater than 10 $\mu$ m in length	$>$ 99%	$<$ 1 MF/L	N/A	$\geq$ 99%	J-00099873
Atrazine	0.009 mg/L	0.009 mg/L $\pm$ 10%	94.4%	0.0005 mg/L	0.003 mg/L	N/A	J-00109716
Benzene	0.015 mg/L	0.015 mg/L $\pm$ 10%	96.6%	0.005 mg/L	0.005 mg/L	N/A	J-00121317
Carbofuran	0.08 mg/L	0.08 mg/L $\pm$ 10%	86.8%	0.01mg/L	0.04 mg/L	N/A	J-00112822
Cyst*	122,500 cysts/L	Minimum 50,000 cysts/L	99.99%	1 cyst/L	N/A	$\geq$ 99.95%	J-00109715
Lead @ pH 6.5	0.148 mg/L	0.15 mg/L $\pm$ 10%	99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00121320
Lead @ pH 8.5	0.153mg/L	0.15 mg/L $\pm$ 10%	99.3%	0.001 mg/L	0.010 mg/L	N/A	J-00121322
Lindane	0.002 mg/L	0.002 mg/L $\pm$ 10%	98.8%	0.00002 mg/L	0.0002 mg/L	N/A	J-00107051
Mercury @ pH 6.5	0.006 mg/L	0.006 mg/L $\pm$ 10%	95.1%	0.0003 mg/L	0.002 mg/L	N/A	J-00121324
Mercury @ pH 8.5	0.006 mg/L	0.006 mg/L $\pm$ 10%	95.0%	0.0003 mg/L	0.002 mg/L	N/A	J-00122998
P-Dichlorobenzene	0.243 mg/L	0.225 mg/L $\pm$ 10%	99.7%	0.0005 mg/L	0.075 mg/L	N/A	J-00121326
Toxaphene	0.016 mg/L	0.015 mg/L $\pm$ 10%	93.8%	0.001 mg/L	0.003 mg/L	N/A	J-00121328

\* Based on the use of Cryptosporidium parvum oocysts

Application Guidelines/Water Supply Parameters	
Service Flow	0.75 gpm (2.8 lpm)
Water Supply	Potable Water
Water Pressure	25 -120 psi (172 – 827 kPa)
Water Temperature	40° F - 100° F (4.4° C - 38° C)

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See Installation Manual for Warranty information.

**Note:** While the testing was performed under standard laboratory conditions, actual performance may vary. Contaminant reduction testing is conducted every five years by certifying agency to maintain certification.

Replacement Cartridge: 3MDW111

For estimated costs of replacement elements please call 1-855-3M-WATER or visit our website at [www.3MWater.com](http://www.3MWater.com)



## WARNING

To reduce the risk associated with ingestion of contaminants:

- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before and after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.
- EPA Establishment Number 070595-MEX-001

## CAUTION

To reduce the risk associated with property damage due to water leakage or flooding:

- Read and follow all Instructions before installation and use of this system.
- To reduce the risk of water leakage or flooding, and ensure optimal filter performance:
- Change the disposable filter cartridge every six months or sooner if you observe a noticeable reduction in water flow rate.
- Failure to replace the disposable filter cartridge at recommended intervals may lead to reduced filter performance and cracks in the filter housing, causing water leakage or flooding.
- For questions or concerns, please contact Customer Service at 1-855-3M-WATER

**3M**